An Epay The Sympathy of the Brain with the Stomach Submitted to the examination of He Medical Faculty of the Unworsity of Bennoylvania The degree of Soctor of Medicine John I bolis of Virginias

In the con wyardlego of other m dear show Stynitha Transat o idea, That upion i tate in as which me uncertain altogether of the sul, without in may mor of unsatinga nbotrage Miladelp

Introduction

In the composition of the following pages Thave negardless of the opinions and theoretical notions of other men, delivered my our sentimentain as clear, short and concise a manner as was practica ble without injustice being done to the suly est. I cannot for a moment platter on grely with the idea, That I shall be able in the following dis enfrion to advance any Thing now, or to show -date in any satisfactorily manner, those parts which may be involved in darkness, doubton uncertainty. But I am at the same time, not altogether without a hope from the importance of the subject, and from the somewhat movel, method in which it is discussed, that there pages may not prove attogether uninteresting, and unsatisfactory. If the tedious in my arguments or betrayed into repetition, I pled that the great importance of the question, has led me to trespay. Philadelphia, nov; 14,1824

Sympathy of enquiry, or inderkness ar Sympathy is generally of. afarciate Ly diversifie sin function Stis by mes setend their of the system is This are not exting here Thise in an filly account meation of our mayor to

Sympathy of the Brain with the Stomach

There are but few subjects parkaps, more deserving of enquiry, or one the land of which we mare involved indarknep and obscurity than those of sympathy. Szympathy is that principle of nature, the result generally of nervous communication, which connects and afisciates all parts of the animal frame infinite - by diversified as it is in structure, and still more so in function, into one grand harmonising wholes St is by means of sympathy, that all of our diseases extend their wide pervating action to every part of the system, and by means of this that all of our medicines exert their influence. In short, it is This, on which we are dependant for life and action bertain parts of the animal system sympa - Thise in a manner, which cannot always be rea -dely accounted for, on the principle of comme - mication of newes. This farifasts itself in vari. - our ways. But what kind of sympathy is meant

in There The whier neves. 3 than any most any more plas disorderes It was the in the ope - neve done almost is aresulje thy wheir itmer th induced me

in there pages, is rendered too obvious from the fore -going observations, to need an explanation - it is that which is formed by the communication of nerves. The sympathy between the train and stomach Jeonaider as greatly more important than any other because of its forming a chain of communication between those two decidedly most important organs, in the animal frames moreover there is more, The effects of which are more plainly visibly nor the result when desordered, more dangerous and alarming. It was the vast superiority of these two organs, in the operations of the animal frame, The exiter - sive dominion which they exercise over the her -man body the great variety of distressing and almost i comediable complainty to which they are subject, The immediate and direct sympa thy which universally subsists between them, it was there and much like considerations in high induced me to select this, as the subject of the

following Ishall olo tance as The Brain a immediate. between ? Thirdly an Theo There In conside meing to tematicay. no lecames Treat of the Tos organs Fire of The indred is it lengthered. following dispertation. In these observatations

I shall observe the following order

Prints I will and aware to the on the great importance and influence of these love organizations of the said which the operations of the answer the store one.

Secondly. I will prove the quat, the direct and immediate sympathy, which universally subsists

between them.

Thirdly and lastly. I mill endrawour to shaw, that there are some disease of the bear, common by constant or achow ledged as the pathing which meing to this communication are morely agong ternatively a disordered stomach.

It leaves my duty then in the first place to treat of the emportance and influence of there

too organs.

French of the Brains. I do not deem it mentions, our wind set is it required; that I should yo into any longthoused details, to show the importance and

influe onry. D holds, the it for i necepial Thomat only see Thysiolog by The c to other if this be beplace For there machine ful its. to its lan to for it

influence of the brown in the animal econ oney. The superior station which this vescus holds, the absolute dependance of all parts repor it for life and action, and the indispensable necepity for it, in the in The reportions of The natural functions of the body; are not only seen and known to the anotomist and Ohysiologist but also to the least olsewing and descriminating mind. If the importance of an organ, is to be estimated by its position, by the close and intimate relation at hears to other important organs, by The many and various impressions of which it is susceptilly if shis be admitted; then and seed may the brain be placed in the highest station or importance For there is no organ, or part of an anima ad machine honever remote, which does not feel its influence, which is not subject to its laws, and which is not dependant upon it so their action. Even nature herself

In is who of her plan cale, not the many . Therwise The brain, nouge of highest con and greatly biain and Il the pa with the superioni mondy the - Tying The in the sur. Par full

who is always most concise, in the execution of her plans, has placed this extremely deli . eate, yet most complex viscus in a wall of imprinetuable bone, thereby defending it from the many distructive impressions, to which otherwise its situation necessarily emposed it. The brain, considered as the sensoriain commune or origin of the nervous system deserves . The highest consideration. All of the most important and greatly distributed nerver, arers from The brain, and thereby inamideating connecting all the parts to which they are distributed with the brain; most of which exercise a superiority in the animal economy. In a word, the brain may be represented as occur - frying The same station, in the animal boog as the sun in the planetary system, deffusing life, heat and action, on all surrounding objects I am fully aware, that there cases on never , of fetues being born devoid, entirely devoid

to brai These can This para supposin cases, the tion of the can die . I am exete Innatur Kaf of po minsta This sup clearer of rasad sta ne Know connection diseases, a

of a brain, and that life has continued in These carefor several days. I cannot reconcile this paradox in any other manner, than by supposing, That if there have been any such cases, that life must have been exceedingly imperfect; or otherwise there must have been some other part That assumed the fune - tion of the brain. The superiority of the brain can be more strikingly exemplified; by observing The affacts of pressure, when carried to an extent sufficient to destroy or derange its natural functions. That instantaneous top of power, praducing universal palsy and instant death. again did ne wish to peace This superiority of the brain in a still clearer light; we might refer to it in a dis rased state, and observe the consequences. we know that it is liable from its extensive connections, is be affected by agreet variety, of diseases, and when diseased, to be preductive of

iplets me how ither the greater in most most other latic les Were yman, the drop, sudans motion and see him lo Through the look, darlie Gestioning - lance of it. stronger (

effects more dangerous than alarming; and me know The more a desease determines to the brain, . The greater is the result always to be Inedded. moreover me find that disease of this viseus, are most difficult to manage, and to gield most obstinately to our non adies. In greaf of this it is but necessary to reports some of those patal diseases as apapersy, Epilepsy marria 500 Abere in one instance, we see that noble for. of man, the greatest works of divine war down drop, sudant, to the ground, depuved of serve motion and ever existence; In another me see him levelled mith the briter, non Darring Mrough the forest, with a weld and haggard look, destroying all before him and sometimes destroying thinself. Igain, this great impor - Nance, of the brown, can be placed in a get Monger light; cut off the communication of any one part from the brain, either, by durding the nerves or by compressing them,

nar theret Nrealtes dentarioa with with our heap of wething . 1 : 12 roofe andinilly Monraet , importari secondly. 1 intuation This organ make for now than funsabley. che same

so as thereby to proverit the progress of action and realtion, and what is the result; an in Manhaneaux logs of all motion endeven death, Without a brain, and what is man; & more heap of pastrifying fesh-gealege Than nothing. with these remarks I close what I had so offer when this part of the subject and mill proceed to the consideration of the Alomach, which if not more so, as agreally important in some respects, as the train Decordly. Of the Monach. So plainly does the situation and The exclansive connections of this organ, mark its emportance, that its nequires but fine words to describe it it sheaks for itself. The stomach certainly more than any other organized body, is wides mpensabley necessary, for the operations of the animal earnowy, and exercises a greater and far more diversified influence, over The same; What can be greater. Than The

6. more Buramo to the to Shiel be and an les. yar and ryan being si wan of ? Pharens. Materiar fatuer be part ene was are a low, dere Kentown) process of degestion; or underd what can be more mondayed and in comprehensible Obera one see this noble organ, with the aid honover of others, convert into nowus human for the body, and finally into lite, matter which before was dead and ananimate, and entirely unqualified to become a part of an animated machine This process of atrogger der This sumple organ indisper sally requirite, for the growth mantainance and support, of all animated being, and indeed it appears as if naturesnas awar of ther fact, for it has been said and I have no right to doubt the correctness of the statement that there are instances of fetuer being low devoid of every other part except this; but that there never mas an instance known of mabeing born, destitute of this part Since willing the above Thave beer informed that there is

w K. J. met ca. na cal. a smea igai , 1. 11: wheat as 9 1. 1. mapa. 7 a. a. a i as de Min ... organ 20 " Lucas reside a case in which the oftenand over menting in the lighting dat, any Death shows 137 de 44 to but with early stand of the but as seasons by case as search, described as in the lettering an exception to the general outs.

Again, the atmack is not only randown in portacle given the ordered any portacle from its or transfer or the his perform of but also from its attaction and remarkable, appropriate also from its attaction in franchistic and propagations of the other standards and prove that the standards is placed in a continual position, which of its appropriately give its own, supposed by

are from a that is framed in a certical frameding which a graph the service of the body. I will be the service of the body, builded by the service of the

fireases are ngan is pre Indeed, There The human unplicated, ware they r consideration - out upon nouris Roman By prosecu find That endentiers. diseases not hing natio

unjury received; memon safely conclude, that diseases are more orders alarming in appearance, and more dredful in their consequences, as this organ is primarily, or secondarily of sected. In dead, there are none or but four disease. To which the human body is subjected, in which the stomack by its numerous connections is not more or less implicated, and in proportion as their is the case so are they more or less to be treaded. He was the consideration of all parts of the body, being depend - and upon the stomach for their support and nourishment, which gave rise to this most of pro - priste adage Vantriculo languido, omnia langueres By prosecuting these enquires farther, we shall find that the stomach, from its central position and extensive sympathies is, or seems to be, The organ which is primarily affected in some diseases which are not generally considered is being reated therey and when the morbed action which is there produced, is not at once arrested

it del fice The bran meny for nee of Car the stone The fran d Sarry. other They so c frame, ilonaci de errory regarida correr us a proper

it deffuses itself by esteriting and multiplying The brains of afrociation, until the disease become general genvolving in agrecter or less degree every part of the animal economy. This me ree plainly escent lifted in The Ease of favors which are mentained and ratisfactoriely shown to have their primary operation in the stomach, by The present professor of The practice of medicine, in the universit of Sansylvania. and under, can there be any other manner, of satisfactoril, explaining how they so completely worke the whole animal frame, and produce offects so distrating: untegs it be through the intervention of the stomach, which extends its sympathetic action to every part of the system. This fact is almost referrident, for home often do not sivel in the common Believes un terreting fever of our country, that a proper remedy, exchibited at a proper time, acting exclusively reporte.

stomach . There was madicale. Enemair ngan, es -tant orga system: is produ fatal ca means ... Can thes o Than by ? commen then far - id that ; 43he 275 so strong . · ious mas produce o

stomach will by removing The morbific motter. here received, completely hech, sulvert and enadicate the direase; which matter, if pointites To remain but a few days, rould Through The influence and multiplied connections of the organ, extend the morbid action to other impor - tant organs and finally to every part of the system; whence a more complicated desease is produced, which will often continue its fatal career in daspite of our mos testilpul means and energetic endeavours. Can this fact be explained in any other manner Then by the strong sympathy and direct communication, between the stomack and other paris of the system; There before bear - ed that the stomach is afrociated with all parts of the system, but nowhere is this sy whathy so strong, as with the brain. Hnowing that nox nions matter when taken into the stomach will produce a morbed action, which action is after

from the after mi · lance needel. Momack uniter of 1. every 7 In follow fact, The " this we or disease of teme 1 faction , ils suppo commercial is that work important negacith. When, sometimes preferring the most fatal disease is a commercial to be delicated in a commercial to be level. The commercial the superior of the afternation o

It follows them as a must say conflow of the last, that upon a healthy or disordered health is their visues, alphans about a level of the health or disease of the systems I deem of an earliest for the purity the subject for the put of a problem of the put of the subject for the put of a subject for the put of the subject for the put of the subject for the put of the subject of the allegather coales factory.

of this o action, certain. Thispini far more - ad . by 1 Thiman con be. To anothe 6 Ce 20 11 - lim as, Leverie

decordby. Inill now proceed to the second part of this defrontation, and or deavour to prove the great, the direct and immediate sympathetics action, which unevoirally exerts between the brain and stamach. I will prove the first, anatomically. Although it is observed that certain parts of the system sympathise in a manney which cannot be accounted for on The principle of communication of nerver, yet I'am of opinion could our researches becarried for averagh to assertain the fast, that there is no afforcation in the system which is not form . at by the intervention of nerves, The newer then Georgida, as the only chain of communication, by which action and reaction can be conveyed from one part of the yestern to another of movemen I believe, this association to be more immediate and direct in prapor · lim ar there are more or less of ganglia in -terrering. This position being admitted, . t

with This . The 1. brain corps Their anda The 6 Benze Ciron . 6 . a. to the -anea,

will redit, be seen by every one consumer with anatomy, that the apriation of the bain and the market and perception of the bain and the action of the eighth pair of rune, called to have, the larger, which arise at the large of the eighth bosing, from the medulte ollengate and too perce of the transfer and the large proced immendiately, it the stometh, and there is the horace and other researce of the threads and other researce of the threads and other transfer to the action and other researce of the threads and other transfer to the second of methods and other transfer to the second of methods and should be garden and stometh.

Hence ne find that whenever this latter unne (common my affected, that the action can be and is almost alman, communicated to the brainst y means of this direct coming ame, which I have shown to suisburniversal by This same removes commoderate vorting wed from the stomach to the directions

and 11 -ing . 9 funcita 1 pot The war y 16. 5 are tran Thave ... between - Gravas Their ac - 200, ... dreamed biglie ;

and this also without any ganglia interven ing. The duodenum may justly becomed mered as a second stomach; not only because et is internately connected to the former in function and by sympathy, but because . 1 professes an extensive afronation with The rest of the system, and more par licular - by with the brain through theintervention of the stomachy whereby many of its desorders are transmitted to the brain There now pointed out The close relation between the brain and stomach andomical -by, or in other words The means by which Their action and reaction can beauterchan - ged, and will now indeavour to passe this communication or sympathy Desoudly. By the operation of contain mor - bific marter taken into the stomach, a. I Thereby producing disorder in the functions of the brains whenever any oreste indigerable

matter toconte vidadis in the dured, To the 6 tregsin Those ac life. a - thetie find l The dira also tha emplain.

matter is taken into the stomach, or whenever its contents shall have become in any manner vilialed, we know that it, healthy action is impaired orattered, by The rickness maureaund vometing which are produced, and also other 1 ymptoms no left in Decative of durangements in the natural functions of this most impor . lands vesius; and as afoundly as there are pro . duried, To certainly are they transmitted to the brain, thereby for coducing hardis strefting derease donovenated The sich head ache; one of the greater or currer enlacted upon Those accustomed to a studious and sadantary life. We know their headacke to be sympa - their of a disordered stomach because we find by throwing out, or namoving the reliated welating matter, that not only The dironder of the stomach is removed, but also that of the brain. Ther fact cannot be explained in any other rational manner

than ! unden juese. - ed stor 1100/ of the -9 000 . Gan 1 the Co Truth disorda produ functi The con -ousty.

than by sympathy so frequent and so well understand is this disorder of the brain, that The most common and elliterate man, can prescribe the proper ramedy. after having so frequer thy and I might ray, universally of - served this concordant of fection of a disorder - ed storract, mould Investigues Tified in declar ing that this of itself (could there be no other proof adduced in its supports nould be sufficient to establish the great sympathy of the brain with the stornach, unequivocal - G and meantrovertibly. · Can there beany nedical mater, who has the Ceast shadow of doubt respecting the Truth of these remarks, who observes This

the beart standardy doubto registery the Arusk of these remarks, who observes this directors of a remark almays the functions of a remarks about on the functions of the brains, and this to protein the rowers of days fact almost without the rowers of days fact almost without and any for it can be deserved to soon as

The of ... iners The Lead, The cone both a heatth sympa in The observes in The head, " The fin momo. there a Theon But ms

The primary expection is observed receivery it must be remarked, That This headashe is notite be removed by any applications to the head, but in no other may than by removing The writating cause from the stomach, when both appertions are at once removed and health immediately restored. yairy ne observe this strong and powerful sympathy of the brain with the stomach, in The common belious fever, which as I observed Cefore, hants primary operation in The stomash Pain and swining in the head, with perverted vision &c, are always The first and severt indication of this lineare end indeed so comman and so universal are there attendant offections of the brain, that without them, the disease is not pap undarly asknowleged to be the believes fever But why should I thus bewarting or time, by encomerating more cases to prove this

: Core the ca in bia. Thirdly rolin . S 9. belser dogs or inflam To the fall con artie ex undien

close relation, when we find not only in The cases here enumerated; but in almost every appearion of the storach that the same is transmutted to The brain. This sympathy can be shown, and more conspections, Thirdly . By the spendlongs certain coversives or nas colin seabstones, taken . No the stomach. It is I believe generally admitted, that other an over lose of any of these ar lieler ochibited, that the stomash becomes offerides and consequently excelation on explamation is excited, as it great vascular action in almost all parts of the soroter; but this unker thy action is more: particulately referred to the brain the know this to be a fact, by the appeals thereof reduced of tentimes no see the patient fall conveised with a wild distorted countenance and expanded eyes, writting in all the equies endicative of great derangements in The nat - west functions of this organ, wheat if not specially releaved, will altimately end indeath,

Then this re ne the fuets . sop her Sut, other .. To the ... That !! An a ru mmied again, not des transs The sou -upe spet : Mer egain of a more formerful nature, produce this result at the more strakingly, for namely use they cake bit them disther in the secretion from facts are too prime and prompful to be constructed and the secretion of section of any history and marchendering and marchenty, and marchelety.

the st perhaps there are some wheely the worth me on their ruly est you have you the feet on the second way ask of the been of the being there are a grapped the palaring as to the theory and the second wind the commence and is in any other manner at least to directly, and wind with the manner, the above the magnetic way there was, be atternable might with a action law of the source of the second the same that the product of the beauty this as the source and four same complete your plans the source and four same a very lenning this as the source and four same a very lenning from the source and four same a very lenning the sport from whome every action arises on I asked more the main spring of all amount to being

Smoul art. a. . . This at Morrae 1 By the but re Rothing imeties headach matie. Themas whilit decided a Birt 7 weatnes is The re or has la

Imould reeply so long, as this continues to act and react death, cannot be the nevalt. This strong symbathy of the brain. It. The Morriach, mia, be shown jourthty and tartly By the operation of misicines. There reveral Gives antecepated This part of the subject but not unintentionly. nothing more conspicuously and incontestilly prover this a pociation, than the operation of one ties. In That direare denominated the sick headache, which as i'lepre observed is sympto matic of a directored stomach, na often derive the most Coneficial advantage from the exhibition of an emetic. I said voter, because me by no means invariably observe. Their desided netility. This disease is or two kinds, First, that which is the result of permanent weathress of the stomach, and Secondly. The which is the result of some crude indigestille nattery or too large quantities of the towhich is higher lible

Ta her anhal of Then advar 1.07 -. try .: - id Ca, the no -later Inou. marce which its lo zico pura a car

Taken into the stomach. In the first of these we derive little or no advantage from The exhibition of ometics unlap at the same time we resort to other means. It is in The record of there cares, that emeties display their superior advantage by removing the writating matter and thereby sympathetically, the distress of the Crain again, in The believe fever of This coun -they the primary operation of which as I rement - in before is in the stomach, we observe this sympathetic affection of the brain, wiffer the relaif of which, nothing is so well calm - lated, as the proper exhibition of an emetic. I mould verture to agant that there is not more than one case in tons, of this disease, which rems to expend the quester part of its force upon the train, that noutined yield to the early exhibition of an essette presented by blood letting or followed by a cathartic. ban there to any medical man

who he The cor - willian assist while - tion of of the 1 but , upon ! in the lasts . - ly coi. for or -alian. 4 the 1. derange 7 Thin h. maties

who has nitrefred such deaded benefit in The complaints of the head from the admin intration of an emetic, who is so scoptisal as not to believe, or so obstinate as not to confess, That This relation does exist. It he great a drawlage downed from the opera - tion of emelies and purgatives in the deseases of the headyevery person is I believe fully awary but the fact, how the operation of thesewhom the stomach produce semular effects in the brain is not sogenerally admitted. The faits which I have before address all perfect - by corneide to prove, that it can be accounted for in noother manner, then that of a frace ation. Believing that a great many disorders of the brain are marely syneplamatic or some denangement in The functions or the stomach, whee houdeed has been proved to be the case; I Think I would be questilied in sperling, that emelies and cathacties, are too much neglected

practical -derry 17 nout, to sympathy Therene which 30 subsect, - fastorit, greetai mentra sil itomat. tare : 1 souther rose -eases of 11

... There complaints, That They are the prin upal and after the only means, of successfully combatting there distrefring abfactions. It is not my intention hereto point out the practicable application of emetics in disor derroy The head, but have in troduced these moved, to there, the strong and internate sympathy for which I have been continding Phaves mortrough to to a close all The remarks which I shad to offer upon this parter the subject, hoping that I have been able satis · Partorily to prove, by addreing a number of weel atterted facts, that "here always exert a strong and direct sympothetic communication between the brain and stomach.

Poil nour proceed to The third and last poil of this dispertation where I will endeavour to show that there are some dis - ease of the brain coming consideration

Sdip Finse nith inex to be formed of age, to the age: 01 in in say and in under The res many

Idepathie, which owing to this communeration are merely symptomatic of a des ordered stomach Furry upoplasez. The sympathe of the brain with The stomach is more dearly demonstrated in early life, than att any other period The find degraves dependent upon this sympathy To be of more frequent occuraince and more fatal amongs to children under trocke years of age, than et any other. I hither this be oning to the storreshiber of more weak and writably or more ruresptible or impreprious at this age: on that the causes productive of these dissass are of more frequent occurrence in infancy; I cannot preusely decide. But Saparahend They are both of ten combined, and in that way produce the desease now under consideration. Opaplery is one of those fatal complaintes The result generally of gastric irritations

many persons entertain this pathological

opinion Sishouto causes, 1 itissy There - diea cir . fits of go This la of the st apreau y austic variety in produce pregrian - internas opinion of this besser, but it is it morning in a universally the easy other considering it on advisors privally idealists. Speaking to a way may personal inhumbering of this mapplicing. The self boar but latter to say that from the course, symptoms and moder of treatment your investible to mettre, transplanted as as that it is symptoms which present this descent in direction of a discondered this descent in direction of a discondered themselves, brigainst fits of girlings, fraguest plate or meaders. This sailor symptom is alway, on offerties of the stomach, and thereby denoting solutions of the stomach, and thereby denoting solutions

of the stomach and therety demany whomen a preserver of specificans, there is in the result of graties writing their store bear a great somety of easiers amounted by various within as productive of this disease, with a the beam prefer of the branch without on the world the branch violence, turners and executive.

-tions upon ! ilmat here no umply. prejum -anally Locker 1 emuner or the Money it is, as Itisne - med a. andas endear healthy Lions of black in the reflect of the beaus. He is well down that there or any other concernation appeared to a supplicant extension to comparing it, as as thereby to decempe with ordered to be and present the result of the continue of the fraction. But I do not have marked by any many to be understood or implying a being that there causes one of a property of the production of the continue of th

Double hultin after having answer alid the course from compretain, asky I athermation of the blad in the negating the head undered blower by carry string, and ancesty I more it is, and mould say have the resumentation and mould say have there caused to an except prill dustroy the tense may and activity of the tourant, and as I have anchowered before to prove just on such a healthy state of the stormark, depends the shealth

Thatn any r blead. - reque stone pery consid 7 A M From whiis whist and fr. elsen there comme hima

and articity of the whole egation; so it is throughouser the tone of the stomachia in any manner meeting as in the energy of the blood properties properties at the blood is suited at almost in the blood is suited at almost in the blood is fully of the mediant the blood is fully of the suited as much the blood in the blood is suited at the pop open ampreprior in not to be considered as primary from an properties in mot to be considered as primary fut as sucandary only of a deranged stomach.

From the course as well as from the ejoppion which presented the complaints in arrangement with the particular was a form which has falled can learn of its pathology, and from which I can earn of property about the continued and prove of property and when the transfer of property and the strong of most of the strong of my freely and and the strong of most of the strong of my freely and the strong of my freely a delaurably a full armal, any or some cause of a sumular description.

Second some de invitat -monts interco nigin s before Buton deferen should, petril. The fac - tertile -dueca -ly grea Seamely, If Epilopay. This disease very generally but I month mot my invariably proceeds from some drawles of the services of the services of the trains of the stances on the trains of the stances and interiors of the furthernoon of the stances and interiors of the furthernoon of the major of the mention of the many and produce on I have region of the nearly and produce on I have before not yet until to the gay, whitefur which most of united and grant size to the deference most of anilation of phenomena, or make in our rase the same opposed in me taken the same opposed in an attent of phenomena, or the same of the same opposed in our and their or opposed to affect on.

The fact known their for at least joi income tentille, that in some care unright fruit; or mounts, or an income phellometime, presure of every pointines spelings, I shall not lather altempt to explain their opposite of great income interpretable for turnetaly in

by st -other, alloga-pends attain stores 20.00 ofth -ities. medi ace, i are of ly in cares .

of no great practical importance; Than by olsewing, that the system is more surrey Tible of impressions at one time than atom -other, and that oneing to this sus expatibility causes which at one time produce me him of impression, will at another produce affaits allogather differents reporthis ? suspect de - pends the great diversity of diseases which attack The head sympathetic of a disordered stomach. Many are The causes which have at times been sammed up as productive of this disease; and Doctor bullow in his prac ties, of medicine superalounds with them; not the least alour I and preposterous of all, in that from chamical stimulants, which are fluids, from various causes lodged in certain parts of the brain, and becoming acris by stagnation or otherwise. In This case he has certainly confounded

cause and effects That there may be plines,

edmil. merely mofile fune mach What of other . stomas Mer. -parace Epiles childre To the -1972 c -ar-ge -son ry Kerita - ude « afficient in the traing I have no hardeting in admitting bout their is not the invest but must, the course but must, the resoluted of the relation for preferation of the brain measured imparted or altered. I am not now preferable tage there exists from from the insistency of the terms of the bound of the same property of the course from the insistency of the atmosphere from the insistency of the terms of a month of the atmosphere from the insistency of the terms of the same the store of the course from the insistency of the same the others, they are in my approximation, where the others, they are in my approximation, where the others, they are in my approximation, where the others of the course of the cours

Epilepay is a frequent occurrence among obiterior, and Smight may sentimized, empired to them, and can be always distributed for propagation of the pains of developing distributed pains and sentiment of mapage as to the action a sometime to improper as a super the stronger to be stronger to the stronger to the stronger that the sent of their disease, that I have the stronger that for well in the form the symptoms which provided its fourth pro

The t in po from many Birt -la ge nase of the That This whie eman -dies. Then The beneficial results of it when purous, in positively aprenting that every case which has come us dan my observation, proceeded from some affection of the stomack or a limer - Tang canal, andundeed the most restant and Best marked case which I even saw, complete Il yielded to the operation of a brain and active catharties which descharged a wast quantity of norms. In this case the disease mas certainly depondant upon the irritation of the norms in the alimentary canal, other mire it would not have ceased its navages reson as they were asspelled. Whence Frontade That emities and purgatives not only in This but in all the deseases of the head which can betraced to gastire victation constitute the best if not to the only reme -dies.

Thirdly, of Abydrocop bales Intermear. This is a director, the pathology of which is botter



understood, because it is of more frequent seems nenea, and its seat more plainly marked. This tes is a derease of gastrie excitation, and one more terrible in its aspect, and more fotal in its consequence, is not to be found. This we know to be agastria disease from the symptom , which precide it; the palient romations to for the attack, appears languid, pavish and uncomfortable, the appetite is impaired or entirely last, and sometimes such fits with remeting of bile; all of which are attended with a cartireness almost insur mountable. This is the sutline of the primary symptoms of this work insidious complaint, all of which are plainly recognised arthe result of gastin disorder, which being the preservors of they I rough - alux danote it to originate from courses acting primarily on the Homack, and thence symp ternatically on the brain Moreover, This can be farther shown to be the case from the

or al caro pain male Ido. -ordere the de or fac vie en - sans y Bairles times, course which produce this complainty which me homosto exact their action on the stimuch or almost agreed in the which the disease can admist almost line improper fielding extending more printing from my properties of the printing from more to the printing from free more than among all them, are present produced to the presenting on a potential excellent of the presenting on a potential excellent of them.

I do not have much be say, that by drough attar will want in a bronge of grantellemanie, see a dis advantage of a distance of the distance of fallow which the patients received a form days before, that much some grantelly speaking one consumingly save promote so that the distance frequently deserves the appetitation of symplesty distances the appetitution of symplesty.

murthey. of Sy neape. This aridantly at times, is the nesult of gastrie irretations

n. Kun which 9 lete unlag The Ko The p indar Mary Than that . depens syster Mouras is down of the their . P. shale heriog theone which is proved by the nause and sickness, which almost always proved the parameter. I have account an appliant to their rate, we typical to a sick case a proceed from policy or consumming some often organization of the heart or large blood upsets.

The pathetypy of squappe is as yet, unsalised in dearhoof on the strainty, and ishell not. It was a strainty of the strainty of the same of the same is than by description of the same and many of the strainty defend the health and active of the short strainty of the short strainty of the short is begreened the many yet the brain is promountable and consequently the sation of the heart and the change of the strain their action from the brain. There is all that the brain from the brain of the is more that the property of the sation of the heart and the country of the heart and the object of the said derive their action from the brain of the same that the brain of the same that the said of the same that the brain of the same that the brain of the same that the said of the same that the same t

of which Smigh althony Emit, 1 which - ficial papere I shale. - marky In jthe. - tomatic. -gall for ofmila mania. Treated .

of which the stomach is susceptible, and when the land or sympathy, shall have been more completely unfolded. Imaght here mention two other complaints although rowen hat foreign to the real just 6 mil, Ophthalmia and Odontalgias There very often are originally realed in the stomarly which is known to be the case from the lene -freial operation of an emetic which by ne - moving the writating matter, completely re-. mover the derease. There how one do not here, paperly fall wider my consideration, and Porhall dernies Them with the foregoing re - marks. I might dere, die it not lead into suit the of them is details montion, a array other symp . tomatic affections of the brain, and particular - by all hindr of insanity, from the mildert form. of molancholia to the most interests cases of mania. But those of which I have before

Treated, I consider of the most importance.

busin destru Here attack Than after stowar of the 1 -astro Z There, and con one has -imal o It nice.

because of more frequent occurrence and more destructive to the human family. I will now conclude by expreging a fern belief, that there is not one single disease which are attacks the brain, which does not oftene. than otherwise have at original seat in the stomach or alimentary canal. after having now seen the importance of the stomach in the operations of the animal sion - only ats position and esotensive og nypathies, and that it is, as I have an Deavoured to Show in a great measure the reat of all the direar of the braing rould it be too bold or enthusing - astic to declare, that it is not only the seat of There, but That at is also the reat, of the free - many link, of the ultimately lengthered and complax chain, of one half or more than one half of all the direares, towhick thear - mal frame is subject. 3x will readily be seen that there remarks

wight belong alread the fa The no -gaing and as might be carried to an element undimited intent menint renegang. But and sulgaing the below that the congruments which there abready advanced are supplement to establish the fact of the immediate of supplements of the brain with the atmospher of the brain with the atmospher of the remarks which there was do in the fore you going pages, thelever to be to true in they, and as for a my very limited suferience has a settind if are squally or in practices.









